In the Claims:

1. (Currently Amended) An x-ray assembly comprising:

a target shaft;

an x-ray target element mounted to said target shaft;

a plurality of circumferential ~~feature~~ features formed in said x-ray target element; and

at least one weight element adapted to be securable in a plurality of positions within one of said circumferential ~~feature~~ features such that said x-ray target element is ~~can be~~ balanced around said target shaft.

2. (Currently Amended) An x-ray assembly as described in claim 1, wherein one of said circumferential ~~feature~~ features comprises:

a circumferential groove formed in said x-ray target element.

3. (Currently Amended) An x-ray assembly as described in claim 1, wherein one of said circumferential ~~feature~~ features is positioned around a perimeter surface of said x-ray target element.

4. (Currently Amended) An x-ray assembly as described in claim 1, wherein one of said circumferential ~~feature~~ features is positioned around an x-ray facing surface of said x-ray target element.

5. (Currently Amended) An x-ray assembly as described in claim 1, wherein said x-ray target element comprises:

a central neck portion extending from an x-ray facing surface along an inner x-ray target diameter, one of said circumferential ~~feature~~ features formed onto said central neck portion.

6. (Currently Amended) An x-ray assembly as described in claim 1, wherein one of said circumferential ~~feature~~ features comprises:

an entry port formed in said circumferential feature, said entry port allowing said at least one weight element to be inserted into said circumferential feature.

7. (Cancelled).

8. (Currently Amended) An x-ray assembly comprising:

a target shaft;

an x-ray target element mounted to said target shaft;

a circumferential feature formed in said x-ray target element; and

at least one weight element adapted to be securable in a plurality of positions within said circumferential feature such that said x-ray target element is ~~can be~~ balanced around said target shaft, said circumferential feature comprising a flange element positioned around a perimeter surface of said x-ray target element; ~~An x-ray assembly as described in claim 7, further comprising:~~

a plurality of mounting bores positioned along said flange element, said at least one weight element securable within any of said plurality of mounting bores. 9.

(Currently Amended) An x-ray assembly as described in claim 1, wherein one of said circumferential ~~feature~~ features comprises:

a circumferential securing elbow slot, said at least one weight element including a securing elbow adapted to fit within said circumferential securing elbow slot and secure said at least one weight element within said circumferential feature.

10. (Original)

11. (Original)

12. (Original)

13. (Currently Amended) An x-ray target assembly comprising:

an x-ray target element;

a feature formed on said x-ray target element, said feature adapted to receive a weight element; and

at least one weight element adapted to be securable in a plurality of positions on said feature such that said x-ray target element is ~~can be~~ balanced around said target shaft.

14. (Currently Amended) An x-ray target assembly as described in claim 13, ~~wherein said circumferential feature comprises~~ further comprising:

a circumferential groove formed in said x-ray target element.

15. (Original)

16. (Original)

17. (Original)

18. (Original)

19. (Original)

20. (Currently Amended) A method of balancing an x-ray target assembly as described in claim 18, further comprising:

forming a circumferential flange ~~in~~ on said x-ray target element, said circumferential flange creating said circumferential feature.